

## **ABSTRACT OF THE DISCLOSURE**

### **BOARD TO-BOARD ELECTRICAL CONNECTOR ASSEMBLY**

A board-to board electrical connector assembly is provided for effecting a connection between two circuit boards. The assembly includes a first connector having a dielectric housing for mounting on a first circuit board. A plurality of first terminals are 5 mounted on the dielectric housing and each terminal includes a tail portion for connection to an appropriate circuit trace on the first circuit board and a convex contact portion defining a continuous arcuate contact surface. A second connector has a dielectric housing for mounting on a second circuit board. A plurality of second terminals are mounted on the dielectric housing of the second connector and each second terminal includes a tail portion 10 for connection to an appropriate circuit trace on the second circuit board, and a contact projection for sliding over the continuous arcuate contact surface of the convex contact portion of the first terminals upon mating of the connectors.